



TRANS TECH CONSULTANTS

Environmental Compliance Services
Engineers • Geologists • Architects
License # 697833 (A-Haz)

Since 1987

January 19, 2006

Job No. 1279.01

Bob Haye, Branch Manager
Slakey Bros. - Santa Rosa Branch
2845 Duke Court
Santa Rosa, CA 95407

Subject: **4th Quarter 2005 Monitoring Report**
Slakey Bros., Inc., 1289 Sebastopol Road, Santa Rosa, California
Case No. ITSO030

Dear Bob Haye:

This report presents the results of the 4th Quarter 2005 monitoring and sampling event performed at the subject site. The approximate site location is shown on the attached Site Location Map, Plate 1. The work was performed in accordance with directives outlined in a letter dated March 22, 2005 from Mrs. Colleen Hunt from the North Coast Regional Water Quality Control Board (NCRWQCB).

Monitoring Well Sampling

On December 13, 2005, groundwater samples were collected from monitoring wells (wells) MW-1 through MW-5. The wells and general site features are shown on the attached Site Plan/Groundwater Elevation Contour Map, Plate 2. Prior to sampling, static water levels were measured in all wells and each well was checked for the presence of free product using an oil/water interface probe. No free product was reported during this monitoring event. To produce representative groundwater samples prior to sampling, each well was purged of approximately three well casing volumes using a submersible pump. In addition, the indicator parameters such as the temperature, pH, and conductivity were measured and allowed to stabilize during purging. Each well was allowed to recharge to approximately 90% of its initial volume prior to sample collection. Groundwater samples were collected using a separate disposable bailer for each well and then transferred to the appropriate containers supplied by the laboratory. Copies of the groundwater field sampling forms are attached in Appendix A. The groundwater samples were labeled, stored on ice, and then transported under Chain-of-Custody documentation to Analytical Sciences of Petaluma, California for chemical analysis. Groundwater generated during the purging and sampling of the wells is stored onsite in 55-gallon DOT-approved drums, pending disposal.

Water Level Measurements

Monitoring well top-of-casing (TOC) elevations, measured depths to groundwater, the calculated groundwater elevations, and the calculated groundwater flow direction and gradient for the December 13, 2005, sampling event are tabulated in Table 1. Elevations are expressed in feet relative to mean sea level (msl), depths are expressed in feet, and the gradient (*i*) is expressed in feet per foot.

Table 1: Groundwater Flow Direction and Gradient Data

Date	Monitoring Well	TOC Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (<i>i</i>) (feet/foot)
12/13/05	MW-1	135.10	11.70	123.40	Southwesterly <i>i</i> = 0.01
	MW-2	134.60	12.03	122.57	
	MW-3	135.76	12.72	123.04	
	MW-4	135.33	11.52	123.81	
	MW-5	133.21	11.24	121.97	

The groundwater elevation contours based on measurements from MW-1 through MW-5 for the December 13, 2005 monitoring event are shown on Plate 2. Historical groundwater flow directions and gradients are presented in Appendix B.

Laboratory Chemical Results

Groundwater samples collected from MW-1 through MW-5 were analyzed for total petroleum hydrocarbons (TPH) as gasoline by Environmental Protection Agency (EPA) Test Method 8015. In addition, the samples were analyzed for the volatile organic compounds: benzene, toluene, ethyl benzene, and total xylenes (BTEX), the additional oxygenated fuel additives, including methyl tert-butyl ether (MtBE), and lead scavengers using EPA Test Method 8260B. The laboratory analytical results from the December 13, 2005 sampling event are tabulated on page 3, Table 2. A copy of the laboratory chemical report, including the Chain-of-Custody documentation, is attached in Appendix C. Historical groundwater analytical results are presented in Appendix D. To graphically represent the contaminant trends over time, we have prepared Time vs. Concentration Graphs for MW-2 and MW-5 which are presented in Appendix E.



Table 2: Laboratory Analytical Results

Date	Well ID	TPH as gasoline	B	T	E	X	MtBE
		-----µg/L-----					
12/13/05	MW-1	<50	<1.0	<1.0	<1.0	<1.0	<1.0
	MW-2	3,300	140	4.1	<2.0	3.5	11
	MW-3	<50	<1.0	<1.0	<1.0	<1.0	<1.0
	MW-4	<50	<1.0	<1.0	<1.0	<1.0	<1.0
	MW-5	<50	<1.0	<1.0	<1.0	<1.0	<1.0

< = less than reported laboratory detection limits.

Discussion

TPH as gasoline was detected in the samples collected from well MW-2 at a concentration of 3,300 µg/L. BTEX constituents were detected in the samples collected from well MW-2 with benzene occurring at a concentration of 140 µg/L. MtBE was also detected in the samples from MW-2 at a concentration of 11 µg/L. Samples collected from wells MW-1 and MW-3 through MW-5 were below the laboratory test method detection limits for the analytes requested.

In general, the groundwater contaminant concentration trends for wells MW-2 and MW-5 appear to represent a slightly decreasing trend. We are currently preparing a Feasibility Study / Corrective Action Plan (FS/CAP) to address remediation options specific to onsite groundwater contamination. Our next monitoring event is scheduled for March 2006, and will only include the sampling of wells MW-2 and MW-5.

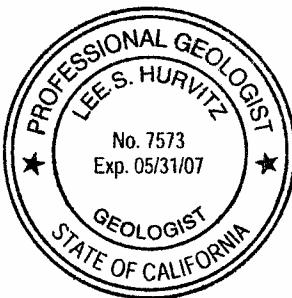


We appreciate the opportunity to work with you on this project and trust that this provides the information you require at this time. If you have any questions or require any additional information please feel free to contact us at (707) 575-8622 or www.transtechconsultants.com.

Sincerely,
TRANS TECH CONSULTANTS

Brian R. Hasik
Staff Geologist

Lee S. Hurvitz, PG 7573
Professional Geologist

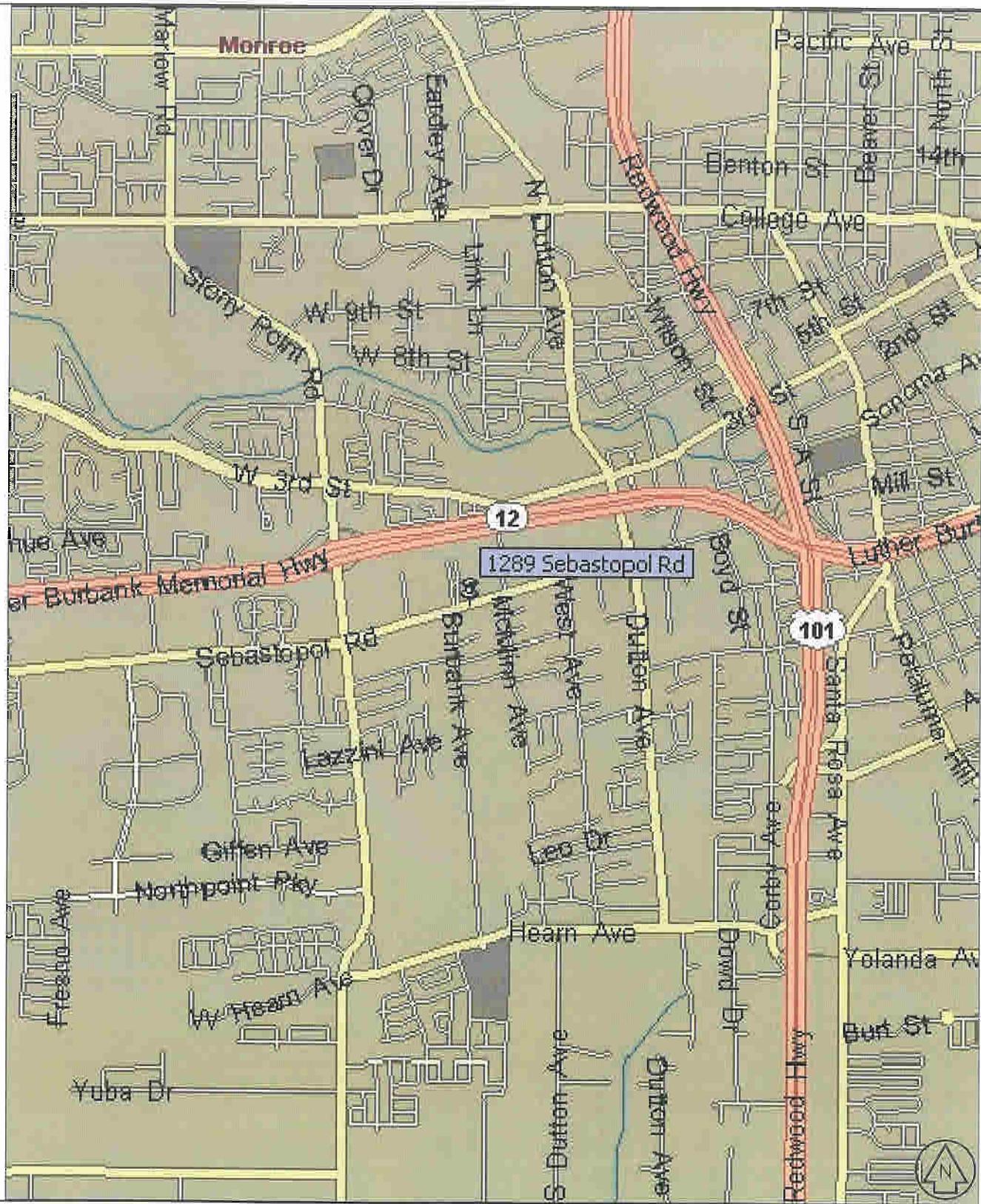


QMR_1279_01_011906

Attachments:

- Plate 1, Site Location Map
- Plate 2, Site Plan/Groundwater Elevation Contour Map
- Appendix A - Groundwater Field Sampling Forms
- Appendix B - Historical Groundwater Flow Directions and Gradients
- Appendix C - Analytical Sciences Laboratory Report dated December 22, 2005
- Appendix D - Historical Groundwater Analytical Results
- Appendix E - Time vs. Concentration Graphs for MW-2 and MW-5
- Distribution List





TRANS TECH CONSULTANTS

930 SHILOH RD., BLDG 44, SUITE J
WINDSOR, CA 95492

PHONE: 707-575-8622 FAX: 707-837-7334

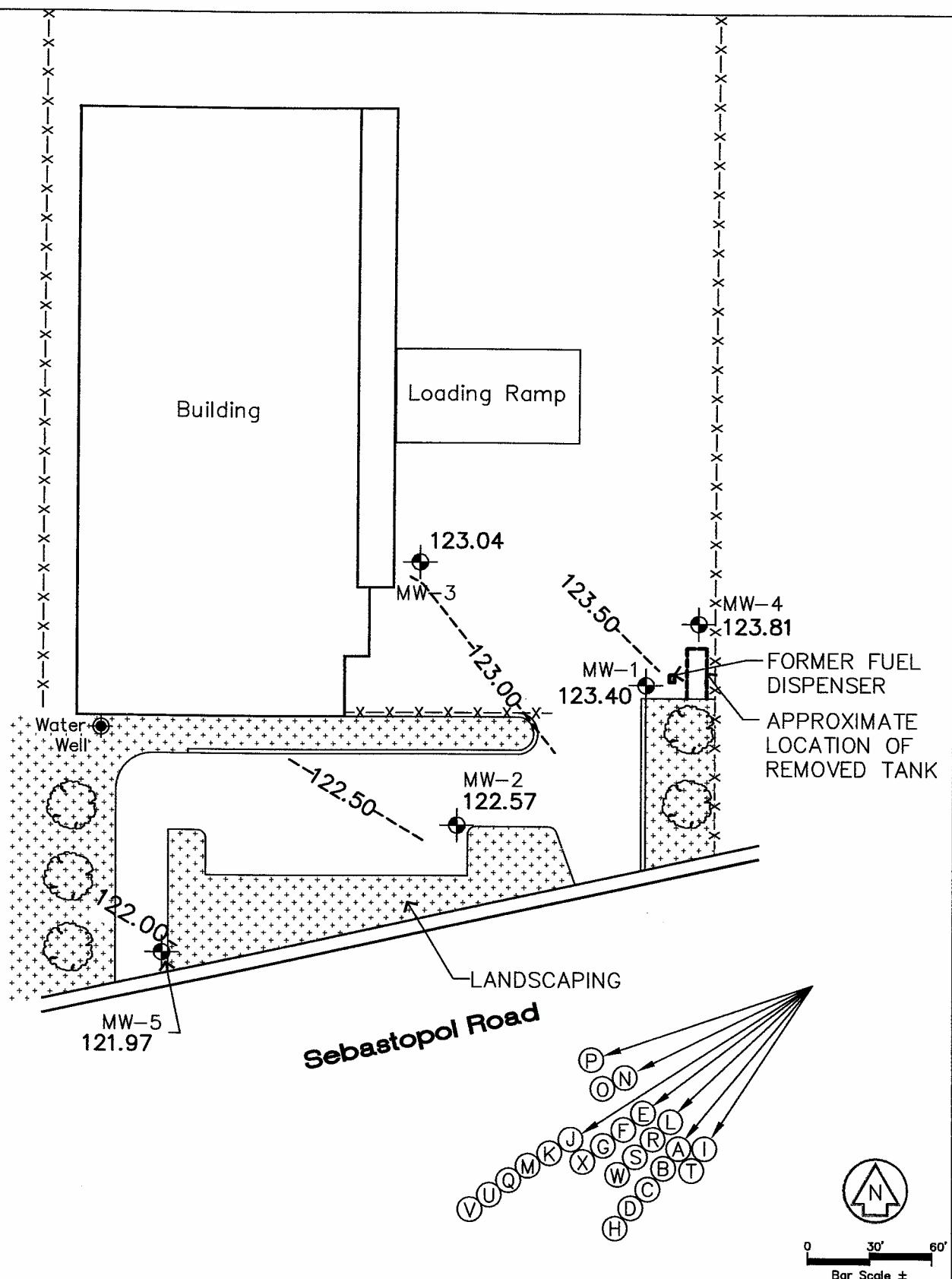
SITE LOCATION MAP

SLAKEY BROTHERS, INC.
1289 SEBASTOPOL ROAD
SANTA ROSA, CA

PLATE:

1

DRAWN BY:	DWG NAME:	APPR. BY:	JOB NUMBER:	W.O. NUMBER:	REVISIONS:	DATE:
PSC	1279.01 SLM	BRH	1279.01	A-385		2/11/04



TRANS TECH CONSULTANTS

930 SHILOH RD., BLDG 44, SUITE J
WINDSOR, CA 95492
PHONE: 707-575-8622 FAX: 707-837-7334

SITE PLAN GROUNDWATER ELEVATION CONTOUR MAP FOR 12/13/05

SLAKEY BROTHERS, INC.
1289 SEBASTOPOL ROAD
SANTA ROSA, CA

PLATE:
2

DRAWN BY:	DWG NAME:	APPR. BY:	JOB NUMBER:	W.O. NUMBER:	REVISIONS:	DATE:	
PSC	1279.01 GWFP	BRH	1279.01	A-891		1/17/05	SHEET: 1 OF 2

GROUNDWATER FLOW LEGEND

 MW-1 Monitoring Well Location
[XX.XX] Groundwater Elevation

NOTE: Ground water elevations are in feet above mean sea level (National Geodetic Vertical Datum, 1929).

NOTE: Additional groundwater data prior to these dates is available.



TRANS TECH CONSULTANTS

930 SHILOH RD., BLDG 44, SUITE J
WINDSOR, CA 95492
PHONE: 707-575-8622 FAX: 707-837-7334

SITE PLAN

SLAKEY BROTHERS, INC.
1289 SEBASTOPOL ROAD
SANTA ROSA, CA

PLATE:
2

APPENDIX A

GROUNDWATER FIELD SAMPLING FORM

WELL INFORMATION

Project Number/Name: 1279.01 Slakey Bros.		Well Number: MW-1
Project Location: 1289 Sebastopol Road Santa Rosa, California	Casing Diameter: 2"	Well Depth from TOC (BP): 17.00 Well Depth from TOC (AP):
Date: December 13, 2005	Top of Screen:	Initial Well Depth:
Sampled by (print and sign): Brian Hasik <i>Brian Hasik</i>	Product Thickness in inches: <i>0</i>	
	Water Level from TOC: <i>11.70</i>	Time: <i>8:59</i>
Notes: <i>vent dry @ 1g - wait - dry @ 2g - wait - dry @ < 3g</i>	Water Level pre-purge: <i>11.70</i>	Time: <i>10:15</i>
	Well Type: <input checked="" type="checkbox"/> Monitor <input type="checkbox"/> Extraction <input type="checkbox"/> Other:	
	Well EL (TOC):	Well Mat: PVC

WEATHER

Wind: Yes / <input checked="" type="checkbox"/> No	Clouds: Yes / <input checked="" type="checkbox"/> No	Sun: Yes / <input checked="" type="checkbox"/> No	Precipitation in last 5 days: Yes / <input checked="" type="checkbox"/> No
Rain: Yes / <input checked="" type="checkbox"/> No	Fog: Yes / <input checked="" type="checkbox"/> No		

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

$$(\frac{\text{TD}}{\text{WL}} - \frac{\text{WL}}{\text{WL}}) \times (\frac{\text{WL}}{2})^2 \times 0.0408 = 0.85 \text{ gallons in one well volume}$$

2.5A gallons in 3 well volumes (Approx. 0.6 gal/ft) *= 3.5* total gallons purged

FIELD MEASUREMENTS DURING PURGING

Stable Field Parameters Required Prior to Sample Collection: <10% pH and EC change, <0.2°C temp. change

Time	Gallons	pH	TEMP °C	ORP	DO mg/L	EC mS / µS	Turbidity H/M/L
10:21	1	6.23	18.8	155		624.7	L
10:23	2	6.23	19.2	157		627.6	L
10:24	<i>~3g</i>	6.24	19.3	158		609.8	L

Minimum of 5 gallons or 0.6 gal/ft. Of water in casing - whichever is greater and field parameters must be stable.

Water Level Before Sampling: *12.10* Time: *11:20*

Appearance of Sample:

Bailer: Disposable Pump: 12V Submersible (1-2 gpm)

DECON. METHOD: TSP or Liquinox (phosphate free) Wash / Double Rinse

NUMBER OF DRUMS GENERATED: Water: *4* Soil: *8* Other: *8*

GROUNDWATER FIELD SAMPLING FORM

WELL INFORMATION

Project Number/Name: 1279.01 Slakey Bros.		Well Number: MW-2
Project Location: 1289 Sebastopol Road Santa Rosa, California	Casing Diameter: 2"	Well Depth from TOC (BP): 18-25 Well Depth from TOC (AP):
Date: December 13, 2005	Top of Screen:	Initial Well Depth:
Sampled by (print and sign): Brian Hasik <i>(Signature)</i>	Product Thickness in inches: 8"	
	Water Level from TOC: 12-03 Time: 10:03	
Notes: "OLD" HC OPOR	Water Level pre-purge: 12-03 Time: 10:57	
	Well Type: <input checked="" type="checkbox"/> Monitor <input type="checkbox"/> Extraction <input type="checkbox"/> Other: Well EL (TOC): Well Mat: PVC	

WEATHER

Wind: Yes / No	Clouds: Yes / No	Sun: Yes / No	Precipitation in last 5 days: Yes / No
Rain: Yes / No	Fog: Yes / No		

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

$$(\frac{\text{TD}}{\text{WL}} - \frac{\text{WL}}{\text{WL}}) \times (\frac{\text{WL}}{2}) \times 0.0408 = 1.00 \text{ gallons in one well volume}$$

3.00 gallons in 3 well volumes (Approx. 0.6 gal/ft) *5* total gallons purged

FIELD MEASUREMENTS DURING PURGING

Stable Field Parameters Required Prior to Sample Collection: <10% pH and EC change, <0.2°C temp. change

Time	Gallons	pH	TEMP °C	ORP	DO mg/L	EC mS / µS	Turbidity H/M/L
10:54	1	6.64	20.5	-29		682.4	L
10:55	2	6.63	20.8	-45		682.4	L
10:57	3	6.64	20.9	-57		681.8	L
10:58	5	6.66	20.9	-53		681.4	L

Minimum of 5 gallons or 0.6 gal/ft. Of water in casing - whichever is greater and field parameters must be stable.

Water Level Before Sampling: 13.19 Time: 11:50

Appearance of Sample:

Bailer: Disposable Pump: 12V Submersible (1-2 gpm)

DECON. METHOD: TSP or Liquinox (phosphate free) Wash / Double Rinse

NUMBER OF DRUMS GENERATED: Water: 4 Soil: 8 Other: 8

GROUNDWATER FIELD SAMPLING FORM

WELL INFORMATION

Project Number/Name: 1279.01 Slakey Bros.		Well Number: MW-3
Project Location: 1289 Sebastopol Road Santa Rosa, California	Casing Diameter: 2"	Well Depth from TOC (BP): 23.00 Well Depth from TOC (AP):
Date: December 13, 2005	Top of Screen:	Initial Well Depth:
Sampled by (print and sign): Brian Hasik <i>Brian Hasik</i>	Product Thickness in inches: 2	
	Water Level from TOC: 12.70	Time: 10:00
Notes:	Water Level pre-purge: 12.72	Time: 10:27
	Well Type: <input checked="" type="checkbox"/> Monitor <input type="checkbox"/> Extraction <input type="checkbox"/> Other:	Well Mat: PVC
WEATHER		
Wind: Yes / No	Clouds: Yes / No	Sun: Yes / No
Rain: Yes / No	Fog: Yes / No	Precipitation in last 5 days: Yes / No

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(TD - WL) X (Dia. Inches)² X 0.0408 = 1.64 gallons in one well volume

A-93 gallons in 3 well volumes (Approx. 0.6 gal/ft) _____ total gallons purged

FIELD MEASUREMENTS DURING PURGING

Stable Field Parameters Required Prior to Sample Collection <10% pH and EC change, <0.2°C temp. change

Time	Gallons	pH	TEMP °C	ORP	DO mg/L	EC mS / µS	Turbidity H/M/L
10:31 0	6.75	20.2	13.7			459.7	L
10:32 0	6.73	20.3	13.7			788.1	L
10:33	.3	6.79	20.4	13.6		780.9	L
10:35	5	6.79	20.2	731		786.5	L

Minimum of 5 gallons or 0.6 gal/ft. Of water in casing - whichever is greater and field parameters must be stable.

Water Level Before Sampling: 13.33 Time: 11:30

Appearance of Sample:

Bailer: Disposable Pump: 12V Submersible (1-2 gpm)

DECON. METHOD: TSP or Liquinox (phosphate free) Wash / Double Rinse

NUMBER OF DRUMS GENERATED: Water: 4 Soil: 8 Other: 8

GROUNDWATER FIELD SAMPLING FORM

WELL INFORMATION

Project Number/Name: 1279.01 Slakey Bros.		Well Number: MW-4
Project Location: 1289 Sebastopol Road Santa Rosa, California	Casing Diameter: 2"	Well Depth from TOC (BP): 22.00 Well Depth from TOC (AP):
Date: December 13, 2005	Top of Screen:	Initial Well Depth:
Sampled by (print and sign): Brian Hasik <i>BH</i>	Product Thickness in inches: 0	
	Water Level from TOC: 11.52 Time: 9:56	
Notes: going dry @ 5g	Water Level pre-purge: 11.52 Time: 10:05	
	Well Type: <input type="checkbox"/> Monitor <input type="checkbox"/> Extraction <input type="checkbox"/> Other:	
	Well EL (TOC): Well Mat: PVC	

WEATHER

Wind: Yes / No	Clouds: Yes / No	Sun: Yes / No	Precipitation in last 5 days: Yes / No
Rain: Yes / No	Fog: Yes / No		

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

(<u>TD</u> - <u>WL</u>) X (<u>Dia. Inches</u>) ² X 0.0408 = <u>1.68</u> gallons in one well volume
<u>5.03</u> gallons in 3 well volumes (Approx. 0.6 gal/ft) <u>5</u> total gallons purged

FIELD MEASUREMENTS DURING PURGING

Stable Field Parameters Required Prior to Sample Collection <10% pH and EC change, <0.2°C temp. change

Time	Gallons	pH	TEMP °C	ORP	DO mg/L	EC mS / µS	Turbidity H/M/L
10:09	1	6.32	17.4	122		657.3	L
10:10	2	6.26	18.1	136		832.5	L
10:11	3	6.20	18.3	142		742.1	L
10:13	5	6.19	18.3	148		703.9	L

Minimum of 5 gallons or 0.6 gal/ft. Of water in casing - whichever is greater and field parameters must be stable.

Water Level Before Sampling: <u>12.24</u>	Time: <u>11:15</u>
---	--------------------

Appearance of Sample:

Bailer: Disposable	Pump: 12V Submersible (1-2 gpm)
--------------------	---------------------------------

DECON. METHOD: TSP or Liquinox (phosphate free) Wash / Double Rinse

NUMBER OF DRUMS GENERATED: Water: <u>4</u> Soil: <u>0</u> Other: <u>0</u>

DRUM Y2 full

GROUNDWATER FIELD SAMPLING FORM

WELL INFORMATION

Project Number/Name: 1279.01 Slakey Bros.		Well Number: MW-5
Project Location: 1289 Sebastopol Road Santa Rosa, California	Casing Diameter: 2"	Well Depth from TOC (BP): 25.00 Well Depth from TOC (AP):
Date: December 13, 2005	Top of Screen:	Initial Well Depth:
Sampled by (print and sign): Brian Hasik <i>BH</i>	Product Thickness in inches:	
	Water Level from TOC: 11:24	Time: 10:01
	Water Level pre-purge: 11:24	Time: 10:37
Notes:	Well Type: <input checked="" type="checkbox"/> Monitor <input type="checkbox"/> Extraction <input type="checkbox"/> Other:	Well Mat: PVC
Well EL (TOC):		

WEATHER

Wind: Yes / No	Clouds: Yes / No	Sun: Yes / No	Precipitation in last 5 days: Yes / No
Rain: Yes / No	Fog: Yes / No		

VOLUME OF WATER TO BE REMOVED BEFORE SAMPLING

$$(\frac{\text{TD}}{6.60}) \times (\frac{\text{WL}}{2}) \times 0.0408 = \frac{2.20}{\text{gallons in one well volume}}$$

6.60 gallons in 3 well volumes (Approx. 0.6 gal/ft) *7* total gallons purged

FIELD MEASUREMENTS DURING PURGING

Stable Field Parameters Required Prior to Sample Collection <10% pH and EC change, <0.2°C temp. change

Time	Gallons	pH	TEMP °C	ORP	DO mg/L	EC mS / µS	Turbidity H/M/L
10:43	1	6.60	20.7	129		498.3	L
10:44	2	6.52	20.7	134		499.6	L
10:46	4	6.48	20.7	140		508.0	L
10:48	7	6.56	20.5	139		539.5	L

Minimum of 5 gallons or 0.6 gal/ft. Of water in casing - whichever is greater and field parameters must be stable.

Water Level Before Sampling: 12.57 Time: 11:40

Appearance of Sample:

Bailer: Disposable Pump: 12V Submersible (1-2 gpm)

DECON. METHOD: TSP or Liquinox (phosphate free) Wash / Double Rinse

NUMBER OF DRUMS GENERATED: Water: 4 Soil: 8 Other: 8

APPENDIX B

APPENDIX B

Appendix B: Historical Groundwater Flow Directions and Gradients

Date	Monitoring Well	TOC Elevations	Water Level Depths	Water Level Elevations	Groundwater Flow Direction/Gradient
07/05/95	MW-1	135.10	10.80	124.30	Southwest i=0.009
	MW-2	134.60	11.20	123.40	
	MW-3	135.76	11.85	123.91	
	MW-4	135.33	10.72	124.61	
05/09/97	MW-1	135.10	11.00	124.10	Southwest i=0.008
	MW-2	134.60	11.51	123.09	
	MW-3	135.76	12.12	123.64	
	MW-4	135.33	10.95	124.38	
	MW-5	133.21	10.65	122.56	
06/09/97	MW-1	135.10	12.12	122.98	S 55° W i=0.007
	MW-2	134.60	12.45	122.15	
	MW-3	135.76	13.10	122.66	
	MW-4	135.33	12.00	123.33	
	MW-5	133.21	11.74	121.47	
07/09/97	MW-1	135.10	13.25	121.85	S 46° W i=0.007
	MW-2	134.60	13.54	121.06	
	MW-3	135.76	14.14	121.62	
	MW-4	135.33	13.21	122.12	
	MW-5	133.21	12.88	120.33	



Appendix B continued

Date	Monitoring Well	TOC Elevations	Water Level Depths	Water Level Elevations	Groundwater Flow Direction/Gradient
08/11/97	MW-1	135.10	14.83	120.27	S 46° W i=0.008
	MW-2	134.60	15.20	119.40	
	MW-3	135.76	15.74	120.02	
	MW-4	135.33	14.80	120.53	
	MW-5	133.21	14.65	118.56	
09/12/97	MW-1	135.10	15.51	119.59	S 47° W i=0.008
	MW-2	134.60	15.92	118.68	
	MW-3	135.76	16.43	119.33	
	MW-4	135.33	15.51	119.82	
	MW-5	133.21	15.45	117.76	
10/17/97	MW-1	135.10	15.58	119.52	S 40° W i=0.014
	MW-2	134.60	16.08	118.52	
	MW-3	135.76	16.53	119.23	
	MW-4	135.33	15.56	119.77	
	MW-5	133.21	16.54	116.67	
11/13/97	MW-1	135.10	15.75	119.35	S 20° W i=0.011
	MW-2	134.60	16.12	118.48	
	MW-3	135.76	15.90	119.86	
	MW-4	135.33	15.20	120.13	
	MW-5	133.21	15.32	117.89	



Appendix B continued

Date	Monitoring Well	TOC Elevations	Water Level Depths	Water Level Elevations	Groundwater Flow Direction/Gradient
12/15/97	MW-1	135.10	7.50	127.60	S54°W i=0.009
	MW-2	134.60	8.12	126.48	
	MW-3	135.76	8.59	127.17	
	MW-4	135.33	6.30	129.03	
	MW-5	133.21	7.52	125.69	
02/09/98	MW-1	135.10	3.82	131.28	S39°W i=0.010
	MW-2	134.60	3.76	130.84	
	MW-3	135.76	4.63	131.13	
	MW-4	135.33	3.89	131.44	
	MW-5	133.21	3.91	129.30	
03/13/98	MW-1	135.10	5.51	129.59	N87°W i=0.0011
	MW-2	134.60	6.55	128.05	
	MW-3	135.76	7.14	128.62	
	MW-4	135.33	5.48	129.85	
	MW-5	133.21	5.65	127.56	
09/15/99	MW-1	135.10	NA	NA	N50°E I=0.01
	MW-2	134.60	15.13	119.47	
	MW-3	135.76	15.70	120.06	
	MW-4	135.33	NA	NA	
	MW-5	133.21	14.59	118.62	
12/06/99	MW-1	135.10	13.66	121.44	S45°W i=0.008
	MW-2	134.60	14.00	120.60	
	MW-3	135.76	14.50	121.26	
	MW-4	135.33	NA	NA	
	MW-5	133.21	13.34	119.87	



Appendix B continued

Date	Monitoring Well	TOC Elevations	Water Level Depths	Water Level Elevations	Groundwater Flow Direction/Gradient	
02/17/00	MW-1	135.10	5.52	129.58	S49°W i=0.007	
	MW-2	134.60	5.99	128.61		
	MW-3	135.76	6.59	129.17		
	MW-4	135.33	NA	NA		
	MW-5	133.21	5.25	127.96		
07/31/00	MW-1	135.10	13.22	121.88	S35° W i=0.005	
	MW-2	134.60	13.27	121.33		
	MW-3	135.76	13.95	121.81		
	MW-4	135.33	NA	NA		
	MW-5	133.21	12.40	120.81		
09/11/01	MW-1	135.10	15.77	119.33	S 40° W i=0.01	
	MW-2	134.60	15.93	118.67		
	MW-3	135.76	16.61	119.15		
	MW-4	135.33	Well inaccessible			
	MW-5	133.21	15.10	118.11		
10/16/01	MW-1	135.10	16.49	118.61	S 40° W i=0.01	
	MW-2	134.60	16.76	117.84		
	MW-3	135.76	17.50	118.26		
	MW-4	135.33	16.81	118.52		
	MW-5	133.21	16.29	116.92		
11/13/01	MW-1	135.10	15.07	120.03	S 40° W i=0.02	
	MW-2	134.60	14.67	119.93		
	MW-3	135.76	15.03	120.73		
	MW-4	135.33	13.74	121.59		
	MW-5	133.21	13.85	119.36		



Appendix B continued

Date	Monitoring Well	TOC Elevations	Water Level Depths	Water Level Elevations	Groundwater Flow Direction/Gradient
12/11/01	MW-1	135.10	7.88	127.22	S 40° W i=0.01
	MW-2	134.60	7.97	126.63	
	MW-3	135.76	8.78	126.98	
	MW-4	135.33	7.77	127.56	
	MW-5	133.21	6.98	126.23	
01/15/02	MW-1	135.10	6.55	128.55	S50°W i = 0.009
	MW-2	134.60	6.60	128.00	
	MW-3	135.76	7.38	128.38	
	MW-4	135.33	6.39	128.94	
	MW-5	133.21	5.61	127.60	
02/12/02	MW-1	135.10	8.90	126.20	S50°W i = 0.02
	MW-2	134.60	8.89	125.71	
	MW-3	135.76	9.70	126.06	
	MW-4	135.33	8.66	126.67	
	MW-5	133.21	7.85	125.36	
03/12/02	MW-1	135.10	7.73	127.37	S50°W i = 0.02
	MW-2	134.60	8.03	126.57	
	MW-3	135.76	8.85	126.91	
	MW-4	135.33	7.30	128.03	
	MW-5	133.21	7.00	126.21	
5/14/02	MW-1	135.10	11.61	123.49	S35°W i = 0.005
	MW-2	134.60	11.52	123.08	
	MW-3	135.76	12.26	123.50	
	MW-4	135.33	11.51	123.82	
	MW-5	133.21	10.63	122.58	



Appendix B continued

Date	Monitoring Well	TOC Elevations	Water Level Depths	Water Level Elevations	Groundwater Flow Direction/Gradient
06/11/02	MW-1	135.10	12.29	122.81	S55°W i = 0.005
	MW-2	134.60	12.18	122.42	
	MW-3	135.76	12.98	122.78	
	MW-4	135.33	12.28	123.05	
	MW-5	133.21	11.27	121.94	
07/16/02	MW-1	135.10	13.71	121.39	S15°W i = 0.01
	MW-2	134.60	13.61	120.99	
	MW-3	135.76	13.33	122.43	
	MW-4	135.33	13.70	121.63	
	MW-5	133.21	12.88	120.33	
08/14/02	MW-1	135.10	14.80	120.30	S55°W i = 0.005
	MW-2	134.60	14.76	119.84	
	MW-3	135.76	15.52	120.24	
	MW-4	135.33	14.79	120.54	
	MW-5	133.21	14.13	119.08	
11/22/02	MW-1	135.10	15.01	120.09	S45°W i = 0.008
	MW-2	134.60	14.99	119.61	
	MW-3	135.76	15.65	120.11	
	MW-4	135.33	14.88	120.45	
	MW-5	133.21	14.36	118.85	
03/12/03	MW-1	135.10	8.43	126.67	S55°W i = 0.007
	MW-2	134.60	8.61	125.99	
	MW-3	135.76	9.43	126.33	
	MW-4	135.33	8.26	127.07	
	MW-5	133.21	7.67	125.59	



Appendix B continued

Date	Monitoring Well	TOC Elevations	Water Level Depths	Water Level Elevations	Groundwater Flow Direction/Gradient
03/12/03	MW-1	135.10	8.43	126.67	S55°W i = 0.007
	MW-2	134.60	8.61	125.99	
	MW-3	135.76	9.43	126.33	
	MW-4	135.33	8.26	127.07	
	MW-5	133.21	7.67	125.59	
05/09/03	MW-1	135.10	6.87	128.23	S60°W i = 0.01
	MW-2	134.60	7.65	126.95	
	MW-3	135.76	8.61	127.15	
	MW-4	135.33	6.57	128.76	
	MW-5	133.21	6.75	126.46	
07/16/03	MW-1	135.10	11.93	123.17	S 60° W i= 0.006
	MW-2	134.60	11.99	122.61	
	MW-3	135.76	12.72	123.04	
	MW-4	135.33	11.86	123.47	
	MW-5	133.21	11.22	121.99	
11/04/03	MW-1	135.10	16.08	119.02	S70°W i = 0.009
	MW-2	134.60	16.25	118.35	
	MW-3	135.76	16.90	118.86	
	MW-4	135.33	15.89	119.44	
	MW-5	133.21	15.80	117.41	
02/10/04	MW-1	135.10	7.45	127.65	S55°W i = 0.01
	MW-2	134.60	8.02	126.58	
	MW-3	135.76	8.80	126.96	
	MW-4	135.33	6.85	128.48	
	MW-5	133.21	7.02	126.19	



Appendix B continued

Date	Monitoring Well	TOC Elevations	Water Level Depths	Water Level Elevations	Groundwater Flow Direction/Gradient
05/27/04	MW-1	135.10	11.50	123.60	S45°W i = 0.007
	MW-2	134.60	11.70	122.90	
	MW-3	135.76	12.40	123.36	
	MW-4	135.33	11.30	124.03	
	MW-5	133.21	10.90	122.31	
08/24/04	MW-1	135.10	14.99	120.11	S45°W i = 0.007
	MW-2	134.60	15.15	119.45	
	MW-3	135.76	15.86	119.90	
	MW-4	135.33	14.90	120.43	
	MW-5	133.21	14.63	118.58	
11/11/04	MW-1	135.10	14.62	120.48	S35°W i = 0.04
	MW-2	134.60	14.92	119.68	
	MW-3	135.76	15.22	120.54	
	MW-4	135.33	11.62	123.68	
	MW-5	133.21	14.21	119.00	
3/10/05	MW-1	135.10	6.78	128.32	S55°W i = 0.008
	MW-2	134.60	7.31	127.29	
	MW-3	135.76	8.12	127.64	
	MW-4	135.33	6.28	129.05	
	MW-5	133.21	6.23	126.98	
6/06/05	MW-1	135.10	8.80	126.30	Southwesterly i = 0.006
	MW-2	134.60	9.01	125.59	
	MW-3	135.76	9.80	125.96	
	MW-4	135.33	8.64	126.69	
	MW-5	133.21	7.98	125.23	



Appendix B continued

Date	Monitoring Well	TOC Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i) (feet/foot)
9/15/05	MW-1	135.10	13.47	121.63	S45°W i = 0.006
	MW-2	134.60	13.60	121.00	
	MW-3	135.76	14.34	121.42	
	MW-4	135.33	13.41	121.92	
	MW-5	133.21	12.89	120.32	
12/13/05	MW-1	135.10	11.70	123.40	Southwesterly i = 0.01
	MW-2	134.60	12.03	122.57	
	MW-3	135.76	12.72	123.04	
	MW-4	135.33	11.52	123.81	
	MW-5	133.21	11.24	121.97	



APPENDIX C

(Continued from back cover)

(Continued from page 10)

(Continued from page 11)

(Continued from page 12)

(Continued from page 13)

(Continued from page 14)

(Continued from page 15)

(Continued from page 16)

(Continued from page 17)

(Continued from page 18)

(Continued from page 19)

(Continued from page 20)

(Continued from page 21)

(Continued from page 22)

(Continued from page 23)

(Continued from page 24)

(Continued from page 25)

(Continued from page 26)

(Continued from page 27)

(Continued from page 28)

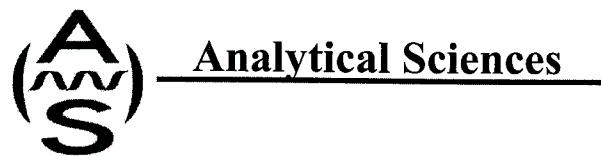
(Continued from page 29)

(Continued from page 30)

(Continued from page 31)

(Continued from page 32)

(Continued from page 33)



Report Date: December 22, 2005

Laboratory Report

Lee Hurvitz
Trans Tech Consultants
930 Shiloh Road, Building 44, Suite J
Windsor, CA 95492

Project Name: **Slakey Bros** **1279.01**
Lab Project: **5121303**

This 10 page report of analytical data has been reviewed and approved for release.

A handwritten signature in black ink that reads "Mark A. Valentini".

Mark A. Valentini, Ph.D.
Laboratory Director



TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-01	MW-1	Gasoline	ND	50
Date Sampled:	12/13/05	Date Analyzed:	12/13/05	QC Batch: B000413
Date Received:	12/13/05	Method:	EPA 8015	

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-02	MW-2	Gasoline	3300	100
Date Sampled:	12/13/05	Date Analyzed:	12/14/05	QC Batch: B000413
Date Received:	12/13/05	Method:	EPA 8015	

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-03	MW-3	Gasoline	ND	50
Date Sampled:	12/13/05	Date Analyzed:	12/13/05	QC Batch: B000413
Date Received:	12/13/05	Method:	EPA 8015	

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-04	MW-4	Gasoline	ND	50
Date Sampled:	12/13/05	Date Analyzed:	12/13/05	QC Batch: B000413
Date Received:	12/13/05	Method:	EPA 8015	



TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-05	MW-5	Gasoline	ND	50

Date Sampled:	12/13/05	Date Analyzed:	12/13/05	QC Batch: B000413
Date Received:	12/13/05	Method:	EPA 8015	

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-01	MW-1	Benzene	ND	1.0
		Toluene	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		o-Xylene	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	25
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0
Surrogates		Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane		20.7	104	70-130
Toluene-d8		20.3	102	70-130
4-Bromofluorobenzene		18.8	94	70-130

Date Sampled:	12/13/05	Date Analyzed:	12/14/05	QC Batch: B000411
Date Received:	12/13/05	Method:	EPA 8260B	



Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-02	MW-2	Benzene	140	2.0
		Toluene	4.1	2.0
		Ethylbenzene	ND	2.0
		m,p-Xylene	3.5	2.0
		o-Xylene	ND	2.0
		1,2-Dibromoethane (EDB)	ND	2.0
		1,2-Dichloroethane (EDC)	ND	2.0
		Tertiary Butyl Alcohol (TBA)	ND	50
		Methyl tert-Butyl Ether (MTBE)	11	2.0
		Di-isopropyl Ether (DIPE)	ND	2.0
		Ethyl tert-Butyl Ether (ETBE)	ND	2.0
		Tert-Amyl Methyl Ether (TAME)	ND	2.0
Surrogates		Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane		20.4	102	70-130
Toluene-d8		20.6	103	70-130
4-Bromofluorobenzene		18.9	94	70-130

Date Sampled:	12/13/05	Date Analyzed:	12/14/05	QC Batch: B000411
Date Received:	12/13/05	Method:	EPA 8260B	



Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-03	MW-3	Benzene	ND	1.0
		Toluene	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		o-Xylene	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	25
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0
Surrogates		Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane		20.8	104	70-130
Toluene-d8		20.6	103	70-130
4-Bromofluorobenzene		19.0	95	70-130

Date Sampled:	12/13/05	Date Analyzed:	12/14/05	QC Batch: B000411
Date Received:	12/13/05	Method:	EPA 8260B	



Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-04	MW-4	Benzene	ND	1.0
		Toluene	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		o-Xylene	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	25
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0
Surrogates		Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane		20.8	104	70-130
Toluene-d8		20.6	103	70-130
4-Bromofluorobenzene		18.6	93	70-130

Date Sampled:	12/13/05	Date Analyzed:	12/14/05	QC Batch: B000411
Date Received:	12/13/05	Method:	EPA 8260B	



Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5121303-05	MW-5	Benzene	ND	1.0
		Toluene	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		o-Xylene	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	25
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0
Surrogates		Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane		20.8	104	70-130
Toluene-d8		21.0	105	70-130
4-Bromofluorobenzene		18.8	94	70-130

Date Sampled:	12/13/05	Date Analyzed:	12/14/05	QC Batch: B000411
Date Received:	12/13/05	Method:	EPA 8260B	



Quality Assurance Report

TPH Gasoline in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B000413 - EPA 5030 GC

Blank (B000413-BLK1)				Prepared & Analyzed: 12/13/05					
Gasoline	ND	50	ug/L						
Matrix Spike (B000413-MS1)				Source: 5121303-01 Prepared & Analyzed: 12/13/05					
Benzene	9.92	0.50	ug/L	10.0	ND	99	70-130		
Toluene	10.2	0.50	ug/L	10.0	ND	102	70-130		
Ethylbenzene	10.2	0.50	ug/L	10.0	ND	102	70-130		
Xylenes	31.3	1.5	ug/L	30.0	ND	104	70-130		
Matrix Spike Dup (B000413-MSD1)				Source: 5121303-01 Prepared & Analyzed: 12/13/05					
Benzene	9.84	0.50	ug/L	10.0	ND	98	70-130	1	20
Toluene	9.80	0.50	ug/L	10.0	ND	98	70-130	4	20
Ethylbenzene	9.96	0.50	ug/L	10.0	ND	100	70-130	2	20
Xylenes	30.0	1.5	ug/L	30.0	ND	100	70-130	4	20



Volatile Hydrocarbons by GC/MS in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Notes
Batch B000411 - EPA 5030 GC/MS									
Blank (B000411-BLK1) Prepared & Analyzed: 12/13/05									
Benzene	ND	1.0	ug/L						
Toluene	ND	1.0	ug/L						
Ethylbenzene	ND	1.0	ug/L						
m,p-Xylene	ND	1.0	ug/L						
o-Xylene	ND	1.0	ug/L						
1,2-Dibromoethane (EDB)	ND	1.0	ug/L						
1,2-Dichloroethane (EDC)	ND	1.0	ug/L						
Tertiary Butyl Alcohol (TBA)	ND	12	ug/L						
Methyl tert-Butyl Ether (MTBE)	ND	1.0	ug/L						
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L						
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/L						
Tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/L						
<i>Surrogate: Dibromofluoromethane</i> 20.7 ug/L 20.0 104 70-130									
<i>Surrogate: Toluene-d8</i> 21.0 ug/L 20.0 105 70-130									
<i>Surrogate: 4-Bromofluorobenzene</i> 19.0 ug/L 20.0 95 70-130									
Matrix Spike (B000411-MS1) Source: 5121210-01 Prepared & Analyzed: 12/13/05									
1,1-Dichloroethene (1,1-DCE)	24.2	1.0	ug/L	25.0	ND	97	70-130		
Benzene	25.3	1.0	ug/L	25.0	ND	101	70-130		
Trichloroethene (TCE)	25.1	1.0	ug/L	25.0	ND	100	70-130		
Toluene	23.4	1.0	ug/L	25.0	ND	94	70-130		
Chlorobenzene	22.6	1.0	ug/L	25.0	ND	90	70-130		
<i>Surrogate: Dibromofluoromethane</i> 20.8 ug/L 20.0 104 70-130									
<i>Surrogate: Toluene-d8</i> 21.6 ug/L 20.0 108 70-130									
<i>Surrogate: 4-Bromofluorobenzene</i> 19.2 ug/L 20.0 96 70-130									
Matrix Spike Dup (B000411-MSD1) Source: 5121210-01 Prepared & Analyzed: 12/13/05									
1,1-Dichloroethene (1,1-DCE)	25.1	1.0	ug/L	25.0	ND	100	70-130	3	20
Benzene	25.7	1.0	ug/L	25.0	ND	103	70-130	2	20
Trichloroethene (TCE)	25.6	1.0	ug/L	25.0	ND	102	70-130	2	20
Toluene	23.5	1.0	ug/L	25.0	ND	94	70-130	0	20
Chlorobenzene	23.4	1.0	ug/L	25.0	ND	94	70-130	4	20
<i>Surrogate: Dibromofluoromethane</i> 20.9 ug/L 20.0 104 70-130									
<i>Surrogate: Toluene-d8</i> 21.3 ug/L 20.0 106 70-130									
<i>Surrogate: 4-Bromofluorobenzene</i> 19.0 ug/L 20.0 95 70-130									

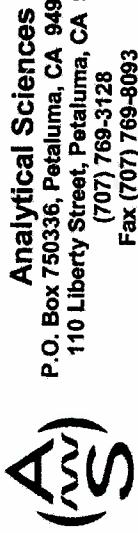


Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference



Analytical Sciences
 P.O. Box 750336, Petaluma, CA 94975-0336
 110 Liberty Street, Petaluma, CA 94952
 (707) 769-3128
 Fax (707) 769-8093

CHAIN OF CUSTODY

CLIENT INFORMATION		BILLING INFORMATION	
COMPANY NAME:	TRANS TECH CONSULTANTS	CONTACT:	Mike McCall
ADDRESS:	930 SHILOH RD, BLDG 44, STE J	COMPANY NAME:	STakey Bros
WINDSOR, CA	95492	ADDRESS:	2215 KAUSER Drive
CONTACT:	Leo Huritz	PHONE#:	916-478-2100
PHONE#:	(707) 575-8622	FAX #:	
FAX #:	(707) 837-7334		

TRANS TECH PROJECT NAME:		TRANS TECH PROJECT NUMBER:	
STakey Bros.		1279.01	
GEOTRACKER EDID:		GLOBAL ID: T009700012	
COOLER TEMPERATURE		blue -18 °C	
COC			

ITEM	CLIENT SAMPLE I.D.	DATE SAMPLED	TIME	MATRIX	# CONT.	PRESV. YES/NO	COMMENTS		PAGE ____ OF ____	LAB SAMPLE #
							TOTAL LEAD	CHAM 17 METALS / 5 LLEUT METALS / PCB'S / EPA 8081 / 8141 / 8082		
1	MW-1	3/3/05	11:20	W	VOAS	X			5/12 1303	-01
2	MW-2		11:50	1						-02
3	MW-3		11:30							-03
4	MW-4		11:15							-04
5	MW-5		11:40							-05
6										
7										
8										
9										
10										
11										

SIGNATURES		RECEIVED BY LABORATORY:	
SAMPLED BY:	Brian Hasik	RECEIVED BY:	
RELINQUISHED BY:		DATE:	12/13/05
SIGNATURE:		TIME:	14:17p
		DATE:	14/12
		TIME:	

APPENDIX D

(Continued)

Appendix D: Historical Groundwater Analytical Results

Water Sample ID	Sample Date	TPH-g	TPH-d	MtBE	B	T	E	X
		µg/L						
MW-1	7/05/95	<50	NA	NA	<0.5	<0.5	<0.5	<1
	5/09/97	<50	NA	<5	<0.5	<0.5	<0.5	<5
	11/13/01	<50	NA	<1.0	1.8	<0.5	0.51	<1.5
	2/12/02	<50	NA	<0.5	<0.3	6.2	<0.5	<0.5
	5/14/02	<50	NA	<0.5	0.75	2.1	<0.5	0.89
	8/16/02	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	11/22/02	<50	NA	<0.50	<0.30	<0.30	<0.50	<0.50
	3/12/03	<50	NA	<0.50	<0.30	0.79	<0.50	<0.50
	5/09/03	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	7/16/03	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	11/04/03	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	2/10/04	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/04	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	8/24/04	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	11/11/04	<50	NA	<0.50	<0.30	<0.30	<0.50	<0.50
	3/10/05	NS	NA	NS	NS	NS	NS	NS
	6/06/05	<50	NA	<0.50	<0.30	<0.30	<0.50	<0.50
	9/15/05	NS	NA	NS	NS	NS	NS	NS
	12/13/05	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0

< = less than reported laboratory detection limits.
 NS = Not sampled.
 NA = Not analyzed.



Appendix D continued

Water Sample ID	Sample Date	TPH-g	TPH-d	MtBE	B	T	E	X
		µg/L						
MW-2	7/05/95	4,100	NA	NA	1,300	32	140	68
	5/09/97	3,800	NA	<33	900	190	70	220
	8/11/97	2,200	NA	<37	650	5.5	3.7	7.4
	11/13/97	2,700	NA	<86	640	5.2	2.4	8.5
	3/13/98	5,300	NA	<120	1,700	30	57	20
	12/06/99	34,000	270*	650	1,200	100	ND	ND
	2/17/00	3,500	290*	62	820	11	14	10
	7/31/00	7,300	NA	16.0	1,100	40.0	26.0	78.0
	11/13/01	1,400	NA	16	230	9.7	<5.0	<15
	2/12/02	4,200	NA	<25	680	<15	<25	<25
	5/14/02	5,200	NA	230	470	18	19	22
	8/16/02	4,200	NA	150	200	7.9	<5.0	9.7
	11/22/02	3,000	NA	160	130	3.8	<5.0	<5.0
	3/12/03	5,700	NA	260	420	45	<50	<50
	5/09/03	2,600	NA	150	250	9.8	19	160
	7/16/03	2,700	NA	66	140	7.0	5.6	8.7
	11/04/03	2,400	NA	81	140	3.5	<2.0	4.1
	2/10/04	2,300	NA	160	6.1	2.9	5.0	74
	5/27/04	2,000	NA	69	170	3.8	<2.0	4.1
	8/24/04	4,100	NA	74	190	<50	<50	<50
	11/11/04	4,100	NA	49	190	<6.0	<10	<10
	3/10/05	3,100	NA	41	200	9.8	<10	<10
	6/06/05	3,000	NA	30	180	5.1	1.9	5.5
	9/15/05	7,000	NA	27	190	5.1	<2.5	4.4
	12/13/05	3,300	NA	11	140	4.1	<2.0	3.5

< = less than reported laboratory detection limits.

NA = Not analyzed.



Appendix D continued

Water Sample ID	Sample Date	TPH-g	TPH-d	MtBE	B	T	E	X
		µg/L						
MW-3	7/05/95	<50	NA	NA	<0.50	<0.50	<0.50	<1.0
	5/09/97	<50	NA	<5	<0.50	<0.50	<0.50	<0.5
	11/13/01	<50	NA	<0.5	<0.50	0.51	<1.5	<1.0
	2/12/02	<50	NA	<0.5	<0.30	<0.30	<0.50	<0.50
	5/14/02	<50	NA	<0.5	<0.30	1.6	<0.50	0.67
	8/16/02	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	11/22/02	<50	NA	<0.5	<0.30	<0.30	<0.50	<0.50
	3/12/03	<50	NA	<0.50	<0.30	<0.30	<0.50	<0.50
	5/09/03	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	7/16/03	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	11/04/03	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	2/10/04	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/04	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	8/24/04	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	11/11/04	<50	NA	<0.50	<0.30	<0.30	<0.50	<0.50
	3/10/05	NS	NA	NS	NS	NS	NS	NS
	6/06/05	<50	NA	<0.50	<0.30	<0.30	<0.50	<0.50
	9/15/05	NS	NA	NS	NS	NS	NS	NS
	12/13/05	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0

< = less than reported laboratory detection limits.
 NS = Not sampled.
 NA = Not analyzed.



Appendix D continued

Water Sample ID	Sample Date	TPH-g	TPH-d	MtBE	B	T	E	X
		µg/L						
MW-4	7/05/95	<50	NA	NA	<0.5	<0.5	<0.5	<1
	5/09/97	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5
	11/13/01	<50	NA	<1.0	0.82	<0.5	0.77	2.3
	2/12/02	<50	NA	<0.5	<0.3	<0.3	<0.5	<0.5
	5/14/02	<50	NA	<0.5	<0.3	0.34	<0.5	<0.5
	8/16/02	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	11/22/02	<50	NA	<0.5	<0.30	<0.30	<0.50	<0.50
	3/12/03	<50	NA	<0.50	<0.30	<0.30	<0.50	<0.50
	5/09/03	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	7/16/03	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	11/04/03	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	2/10/04	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	5/27/04	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	8/24/04	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0
	11/11/04	<50	NA	<0.50	<0.30	<0.30	<0.50	<0.50
	3/10/05	NS	NA	NS	NS	NS	NS	NS
	6/06/05	<50	NA	<0.50	<0.30	<0.30	<0.50	<0.50
	9/15/05	NS	NA	NS	NS	NS	NS	NS
	12/13/05	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0

< = less than reported laboratory detection limits.

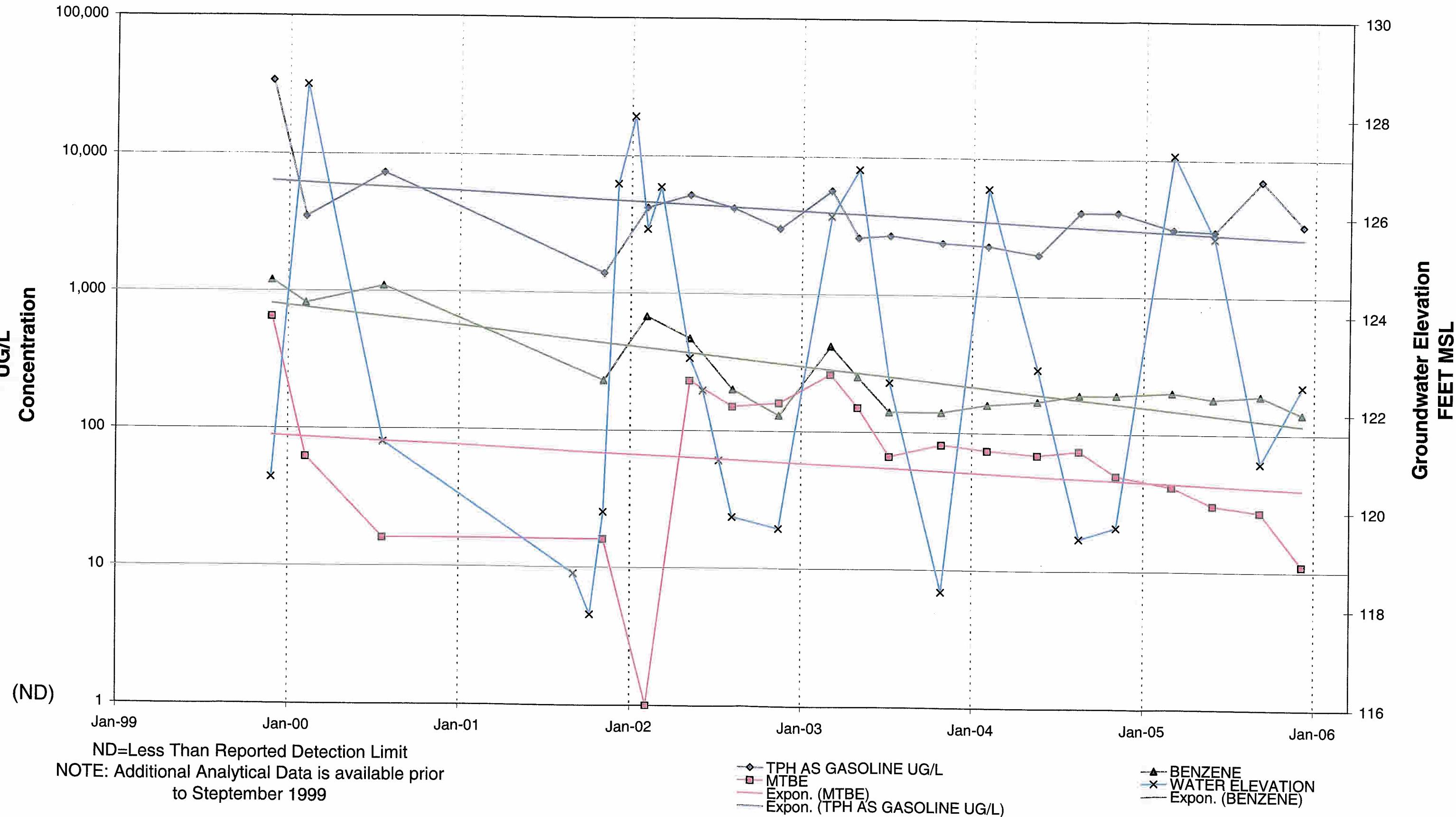
NS = Not sampled.

NA = Not analyzed.

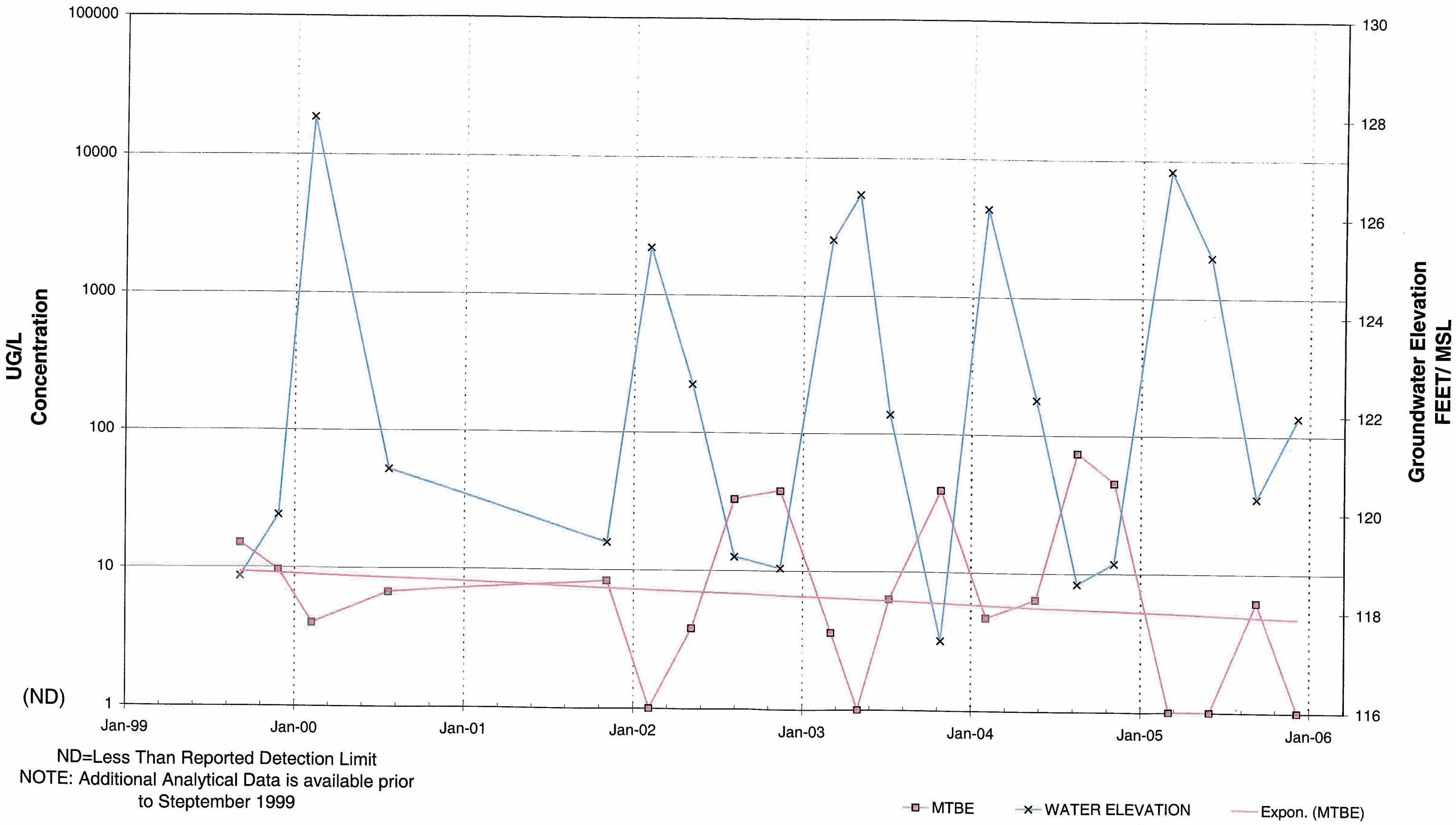


APPENDIX E

Time vs. Concentration Graph
Slakey Brothers Inc. 1289 Sebastopol Road, Sebastopol
TTC Job No. 1279.01
Well MW-2



Time vs. Concentration Graph
Slakey Brothers Inc. 1289 Sebastopol Road, Sebastopol
TTC Job No. 1279.01
Well MW-5



DISTRIBUTION LIST

4th Quarter 2005 Monitoring Report

**Slakey Brothers Inc.
1289 Sebastopol Road
Santa Rosa, California**

**January 19, 2006
Job No. 1279.01**

Mrs. Colleen Hunt
North Coast Regional Water
Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

